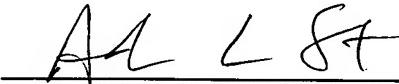


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO. <b>DE04 0001 US1</b> U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/585063</b>																				
INTERNATIONAL APPLICATION NO. <b>PCT/IB2004/052905</b>	INTERNATIONAL FILING DATE <b>12/22/2004</b>	PRIORITY DATE CLAIMED <b>01/06/2004</b>																				
TITLE OF INVENTION <b>TRANSISTOR WITH QUANTUM DOTS IN ITS TUNNELLING LAYER</b>																						
APPLICANT(S) FOR DO/EO/US <b>GRABOWSKI STEFAN PETER RONDA CORNELIS REINDER</b>																						
Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following:																						
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> </ul> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> </ol>																						
The following document(s) or information are included:																						
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet is compliance with 37 CFR 3.28 and 3.31 is included</li> <li><input checked="" type="checkbox"/> A preliminary amendment</li> <li><input checked="" type="checkbox"/> Power of Attorney to Prosecute Application before the USPTO</li> <li><input type="checkbox"/> Statement under 37 CFR §3.73(b)</li> <li><input checked="" type="checkbox"/> Authorization Pursuant to 37 CFR § 1.136(a)(3) and to Charge Deposit Account <u>14-1270</u></li> <li><input checked="" type="checkbox"/> Receipt Confirmation Postcard</li> </ol>																						
The following fees have been submitted:																						
<table border="0"> <tr> <td>12. <input checked="" type="checkbox"/> Basic national fee .....</td> <td>\$ 300</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td>13. <input checked="" type="checkbox"/> Examination fee (<i>Int'l prelim. exam. report NOT prepared by USPTO</i>).....</td> <td>\$ 200</td> <td></td> <td></td> </tr> <tr> <td>14. <input checked="" type="checkbox"/> Search Fee (<i>Int'l Search Report prepared and provided to the Office.</i>) .....</td> <td>\$ 400</td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL OF 13, 14 and 15 =</b></td> <td style="text-align: right;"><b>\$ 900</b></td> <td></td> </tr> </table>			12. <input checked="" type="checkbox"/> Basic national fee .....	\$ 300	CALCULATIONS	PTO USE ONLY	13. <input checked="" type="checkbox"/> Examination fee ( <i>Int'l prelim. exam. report NOT prepared by USPTO</i> ).....	\$ 200			14. <input checked="" type="checkbox"/> Search Fee ( <i>Int'l Search Report prepared and provided to the Office.</i> ) .....	\$ 400			<b>TOTAL OF 13, 14 and 15 =</b>		<b>\$ 900</b>					
12. <input checked="" type="checkbox"/> Basic national fee .....	\$ 300	CALCULATIONS	PTO USE ONLY																			
13. <input checked="" type="checkbox"/> Examination fee ( <i>Int'l prelim. exam. report NOT prepared by USPTO</i> ).....	\$ 200																					
14. <input checked="" type="checkbox"/> Search Fee ( <i>Int'l Search Report prepared and provided to the Office.</i> ) .....	\$ 400																					
<b>TOTAL OF 13, 14 and 15 =</b>		<b>\$ 900</b>																				
<table border="0"> <tr> <th>CLAIMS</th> <th># FILED</th> <th># EXTRA</th> <th>RATE</th> <th></th> </tr> <tr> <td>Total claims</td> <td>7 - 20 =</td> <td>0</td> <td>X \$50</td> <td>\$ 0</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$200</td> <td>\$ 0</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL FEES FOR CLAIMS =</b></td> <td style="text-align: right;"><b>\$ 0</b></td> </tr> </table>			CLAIMS	# FILED	# EXTRA	RATE		Total claims	7 - 20 =	0	X \$50	\$ 0	Independent claims	2 - 3 =	0	X \$200	\$ 0	<b>TOTAL FEES FOR CLAIMS =</b>				<b>\$ 0</b>
CLAIMS	# FILED	# EXTRA	RATE																			
Total claims	7 - 20 =	0	X \$50	\$ 0																		
Independent claims	2 - 3 =	0	X \$200	\$ 0																		
<b>TOTAL FEES FOR CLAIMS =</b>				<b>\$ 0</b>																		
<table border="0"> <tr> <td>Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)) accompanied by an appropriate cover sheet (37 C.F.R. 3.28,3.31). \$40.00 per property +</td> <td style="text-align: right;">\$ 40</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> <td style="text-align: right;"><b>\$ 940</b></td> </tr> </table>			Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)) accompanied by an appropriate cover sheet (37 C.F.R. 3.28,3.31). \$40.00 per property +	\$ 40	<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 940</b>															
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)) accompanied by an appropriate cover sheet (37 C.F.R. 3.28,3.31). \$40.00 per property +	\$ 40																					
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 940</b>																				
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the above fees, as well as any additional fee which may be required, with the exception of the Base Issue Fee, or credit any overpayment to our Deposit Account No. 14-1270.																						
SEND ALL CORRESPONDENCE TO:		<b>PHILIPS ELECTRONICS NORTH AMERICA CORPORATION</b> Intellectual Property & Standards 1109 McKay Drive, M/S41-SJ San Jose, California 95131																				
		USPTO CUSTOMER NO. <b>24738</b>	 Adam L. Stroud, Reg. No. 48,410 Tel.: (408) 474-9064																			
CERTIFICATE OF EXPRESS MAILING																						
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 is addressed to "Mail Stop PCT, Commissioner for Patents, PO Box 1450, Arlington, VA 22313," on the date indicated below.																						
(Date) <u>6/29/04</u>		(Signature) <u>Vilimaina Naga</u>	(Name)																			

The PTO did not receive the following listed item(s) No design patent documents